

WHAT IS CLAIMED IS:

1. A device for driving a dot matrix display panel, comprising:
 - a plurality of first terminals connected to different signal lines in the dot matrix display panel for carrying current to or from picture elements in the dot matrix display panel;
 - a second terminal; and
 - a plurality of switches for selectively connecting the first terminals to the second terminal, enabling a measurement device connected to the second terminal to measure electrical parameters at the first terminals individually.
2. The device of claim 1, wherein the first terminals are connected to different data signal lines in the dot matrix display panel.
3. The device of claim 2, wherein the measured electrical parameters are current values.
4. The device of claim 1, wherein the first terminals are connected to different scanning signal lines in the dot matrix display panel.
5. The device of claim 4, wherein the measured electrical parameters are voltage drop values.
6. A device for driving a dot matrix display panel, comprising:
 - a plurality of constant-current sources;
 - a plurality of first terminals for connection to different data signal lines in the dot matrix display panel;

a plurality of first switches for selectively connecting the constant-current sources to the first terminals responsive to respective data signals, thereby supplying current to the data signal lines in the dot matrix display panel;

a second terminal for connection to test apparatus; and

a plurality of second switches for selectively coupling the first terminals to the second terminal, thereby enabling the test apparatus to measure the current supplied from the constant-current sources to different ones of the first terminals individually.

7. The device of claim 6, further comprising:

a test control terminal for receiving a test control signal from the test apparatus; and

a test control circuit connected to the test control terminal, for controlling the second switches according to the test control signal.

8. The device of claim 6, further comprising:

a plurality of third terminals for connection to different scanning signal lines in the dot matrix display panel;

a plurality of third switches for selectively connecting each the third terminals to two different potentials;

a fourth terminal; and

a plurality of fourth switches for selectively connecting the third terminals to the fourth terminal, thereby enabling the test apparatus to measure voltage drops in the third switches.

9. The device of claim 8, further comprising:

a test control terminal for receiving a test control

signal from the test apparatus; and

a test control circuit connected to the test control terminal, for controlling the second switches and the fourth switches according to the test control signal.

10. The device of claim 8, wherein said two potentials are a power-supply potential and a ground potential.

11. The device of claim 6, wherein the dot matrix display panel is an electroluminescent panel.

12. A device for driving a dot matrix display panel, comprising:

a plurality of constant-current sources;

a plurality of first terminals for connection to different data signal lines in the dot matrix display panel;

a plurality of first switches for selectively connecting the constant-current sources to the first terminals responsive to respective data signals, thereby supplying current to the data signal lines in the dot matrix display panel;

a second terminal for connection to test apparatus;

a plurality of third terminals for connection to different scanning signal lines in the dot matrix display panel;

a plurality of second switches for selectively connecting each the third terminals to two different potentials; and

a plurality of third switches for selectively connecting the third terminals to the second terminal, thereby enabling the test apparatus to measure voltage drops in the second switches.

13. The device of claim 12, further comprising:

a test control terminal for receiving a test control signal from the test apparatus; and

a test control circuit connected to the test control terminal, for controlling the fourth switches according to the test control signal.

14. The device of claim 12, wherein said two potentials are a power-supply potential and a ground potential.

15. The device of claim 12, wherein the dot matrix display panel is an electroluminescent panel.